

FIG.5

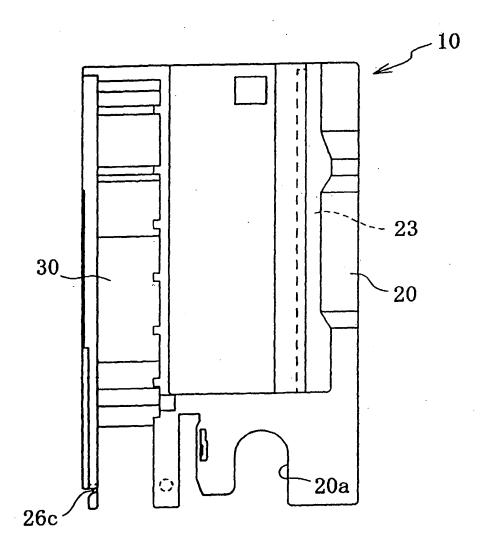


FIG.6

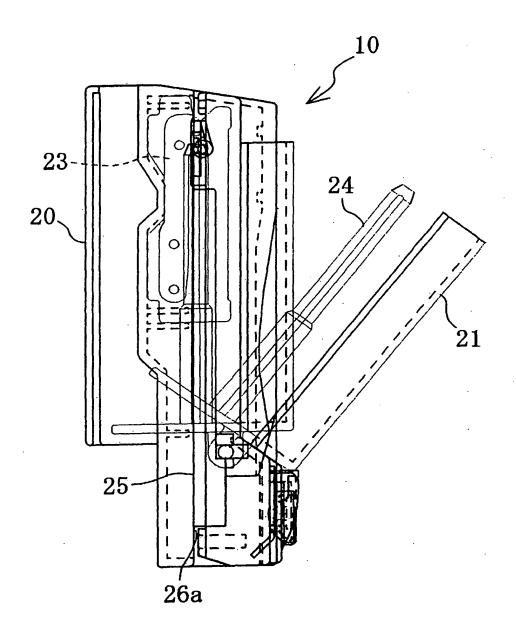


FIG.7

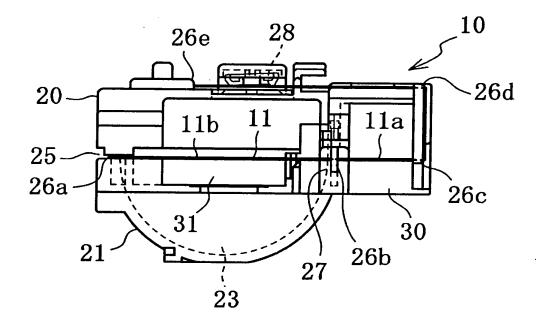


FIG.8

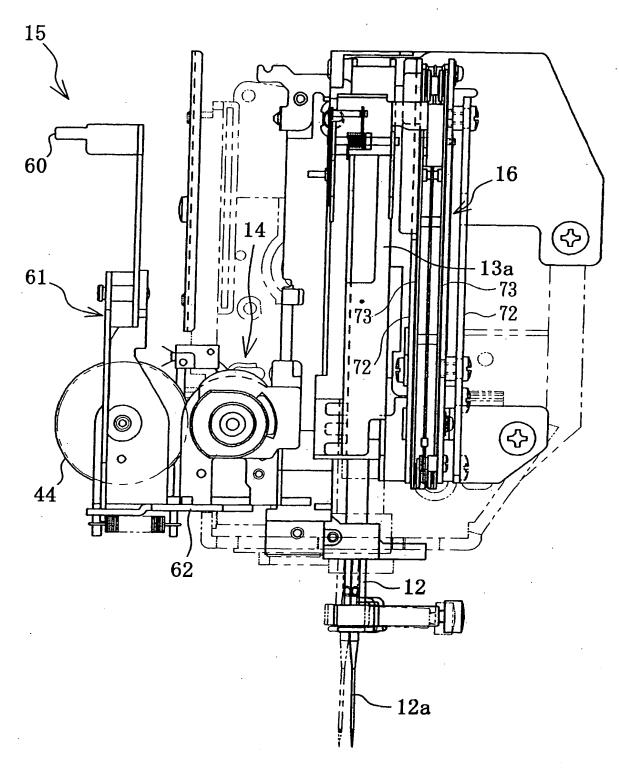


FIG.9

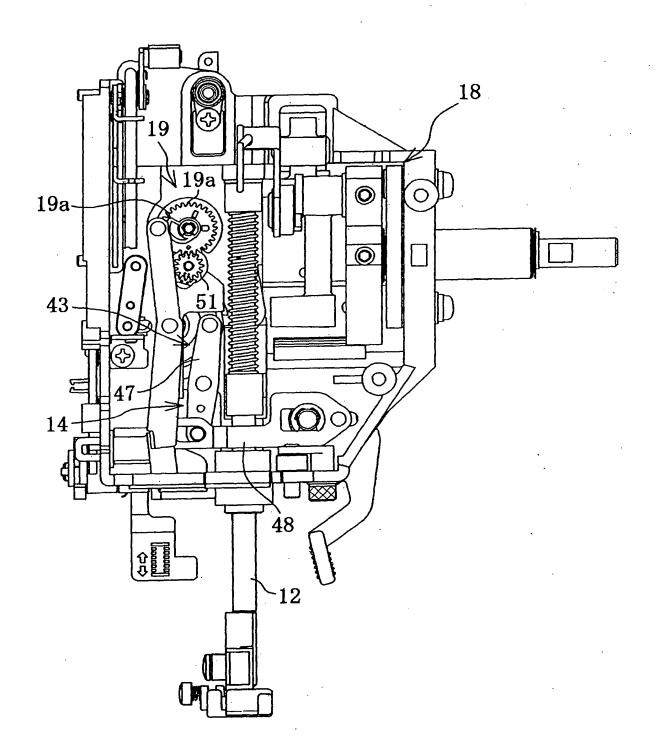


FIG.10

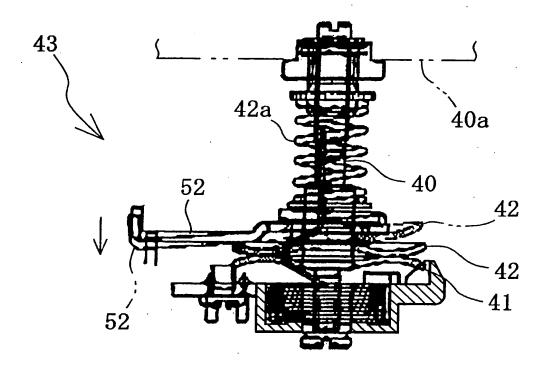
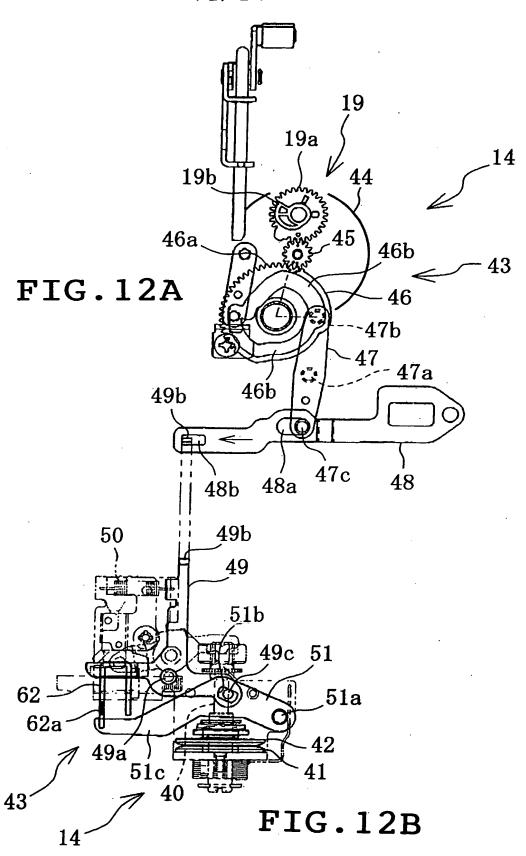
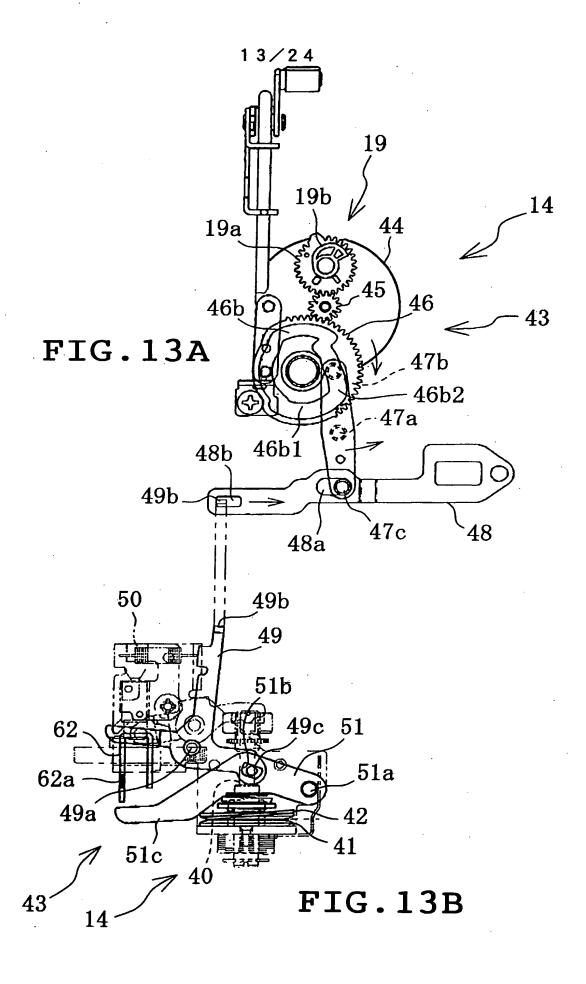


FIG.11





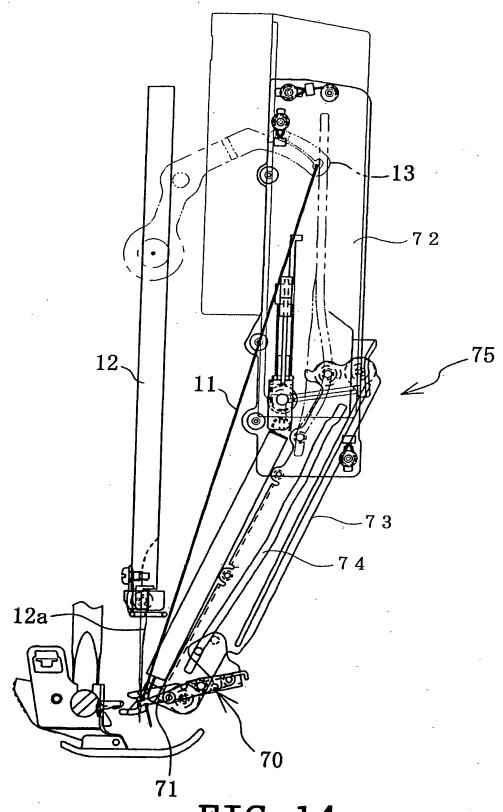


FIG.14

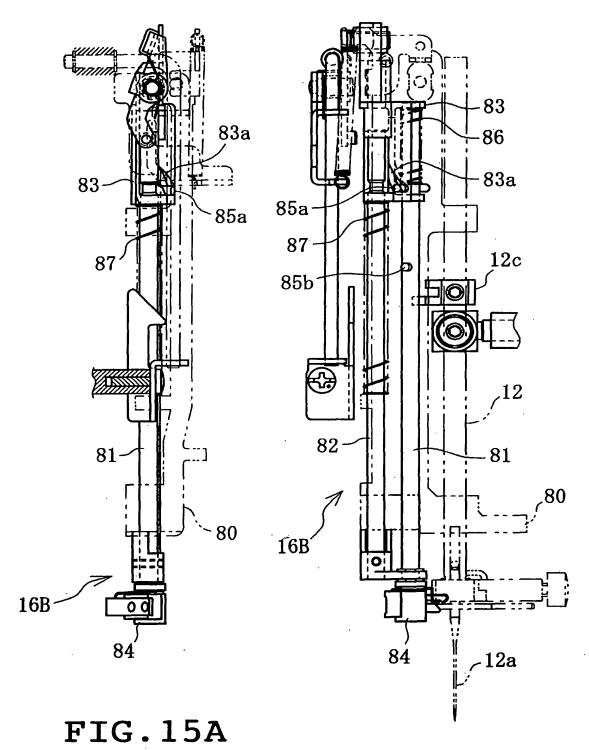


FIG.15B

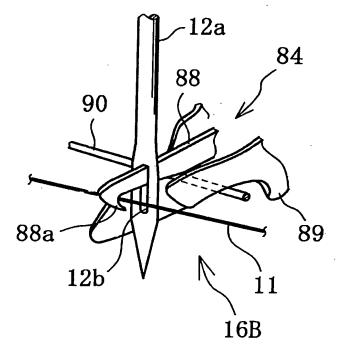


FIG.16A

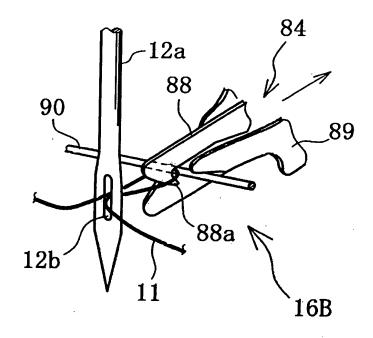


FIG.16B

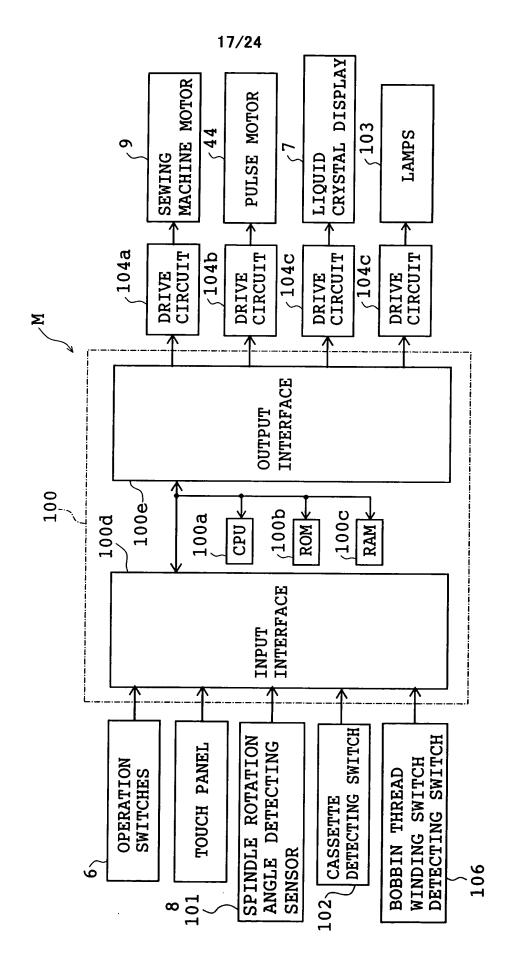


FIG. 17

100b

SEWING MACHINE CONTROL PROGRAM

- SEWING PROGRAM
- CASSETTE ATTACHMENT/DETACHMENT CONTROL PROGRAM
 - THREAD TENSION CONTROL PROGRAM
 - NEEDLE BAR POSITION CONTROL PROGRAM
 - INFORMING CONTROL PROGRAM
- DISPLAY CONTROL PROGRAM

FIG.18

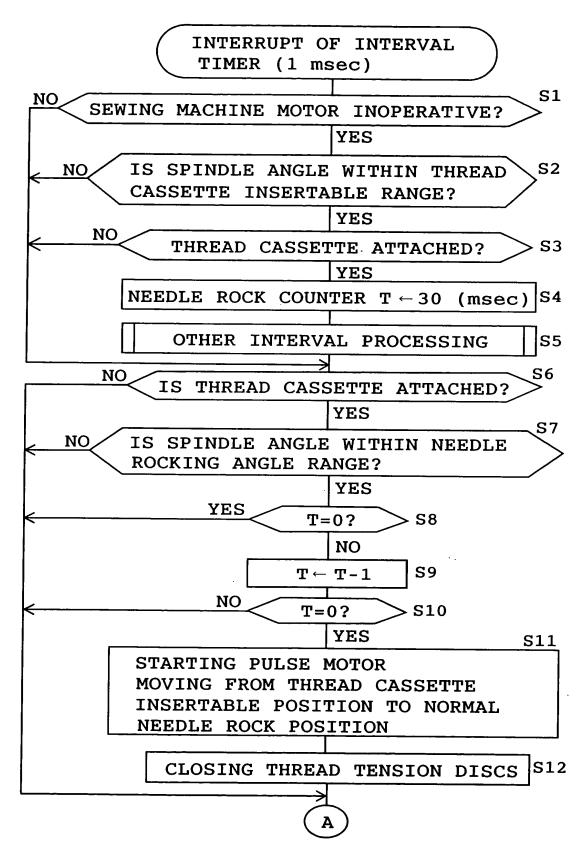


FIG. 19

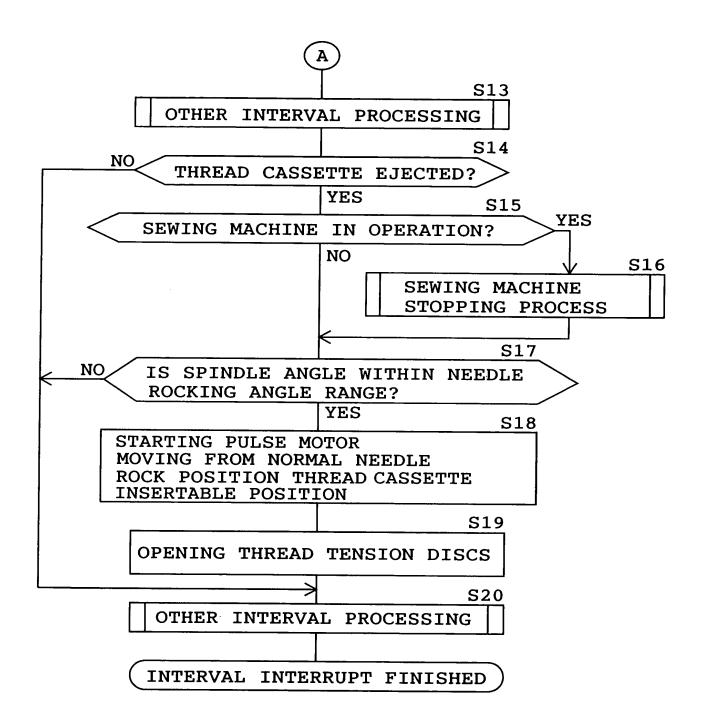


FIG. 20

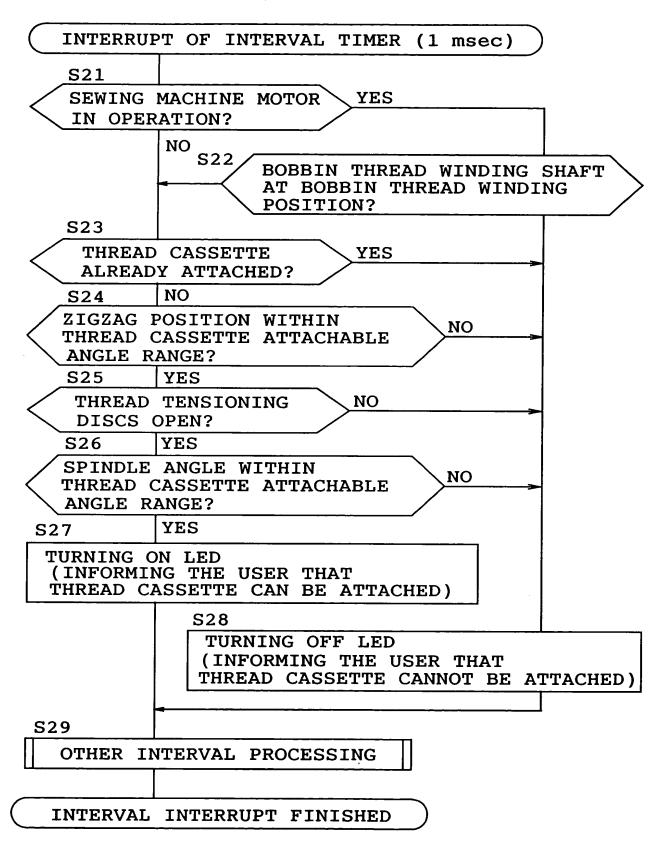
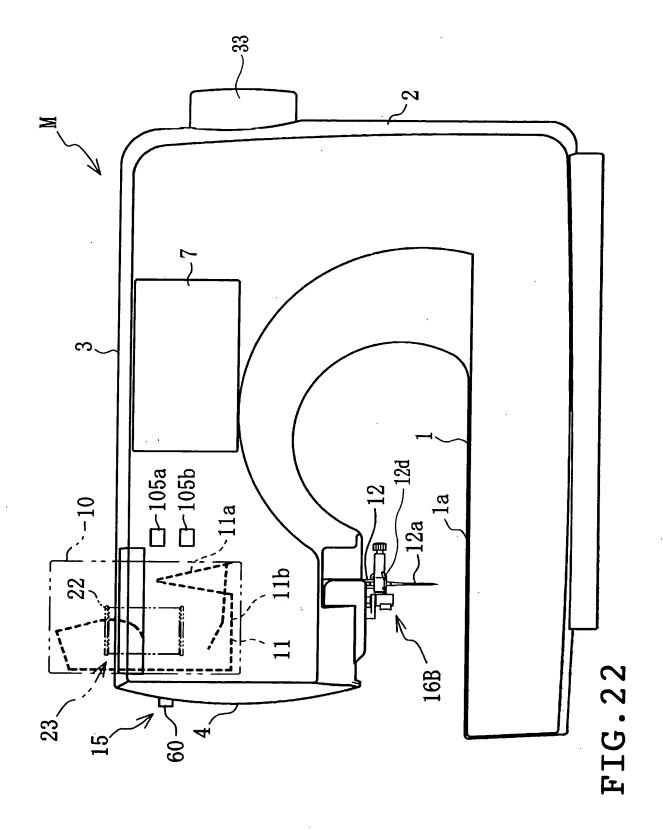


FIG. 21



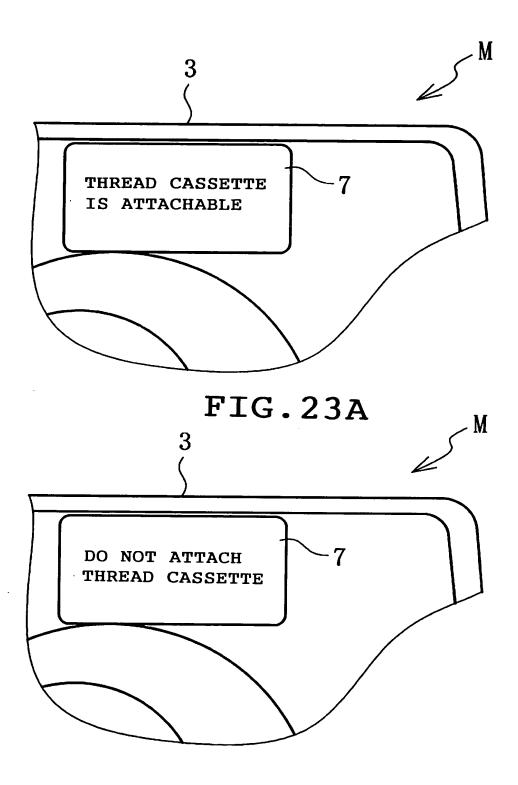


FIG.23B

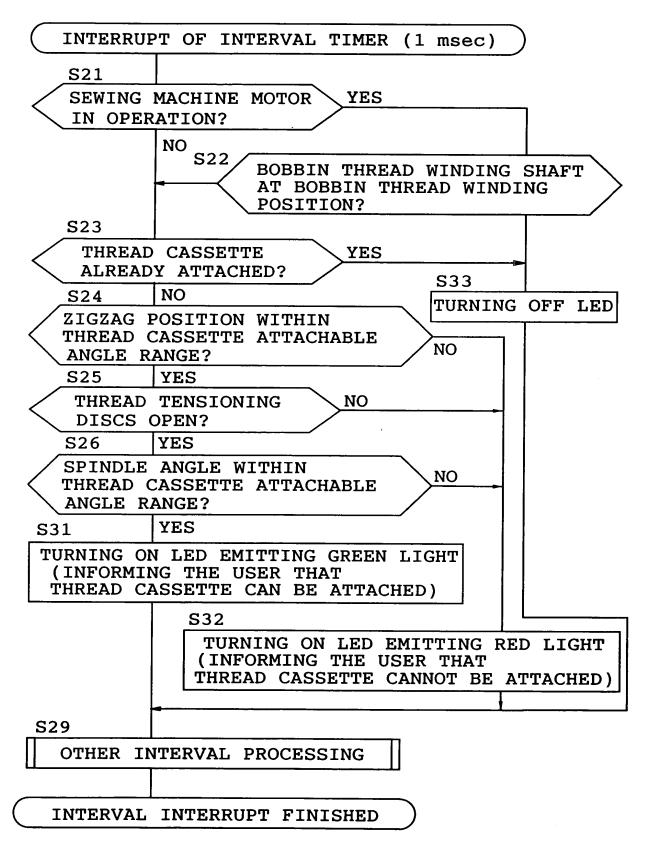


FIG. 24